# Mercury Series PV Panel

# Messager

## SLB132M10-xxx(=645-665)

Half-cell Mono Module

2411*1303*35mm




Messager, rain or shine,
always hardworking for you.

LINEAR PERFORMANCE WARRANTY

12-Year Product Warranty

25-Year Linear Power Warranty

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# SLB132M10-xxx(=645-655)

## Electrical Characteristics(STC*)

| | | | | | |
|---|---|---|---|---|---|
| Power Output(Wp) | 645 | 650 | 655 | 660 | 665 |
| Max Power Tolerance(W) | 0~+5 | 0~+5 | 0~+5 | 0~+5 | 0~+5 |
| Module Efficiency(%) | 20.50 | 20.70 | 20.80 | 21.00 | 21.20 |
| Voltage Mpp-Vmpp(V) | 37.52 | 37.72 | 37.91 | 38.08 | 38.28 |
| Current Mpp-Impp(A) | 17.19 | 17.23 | 17.28 | 17.33 | 17.37 |
| Voltage Open Circuit-Voc(V) | 45.50 | 45.68 | 45.87 | 46.03 | 46.24 |
| Short Circuit Current-Isc(A) | 18.58 | 18.63 | 18.68 | 18.73 | 18.78 |

* STC: Irradiance 1000W/m²,Environment Temperature 25℃，Air Mass AM1.5

## Electrical Characteristics(NMOT*)

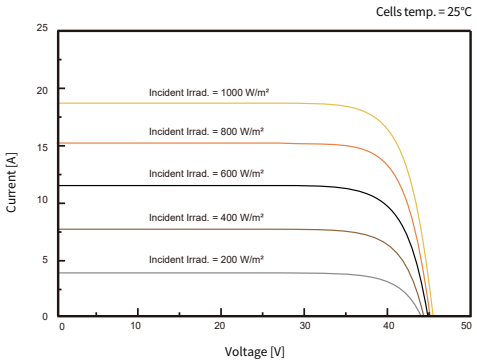
| | | | | | |
|---|---|---|---|---|---|
| Power Output(Wp) | 495.51 | 499.35 | 503.19 | 507.03 | 510.88 |
| Voltage Mpp-Vmpp(V) | 34.20 | 34.39 | 34.55 | 34.71 | 34.90 |
| Current Mpp-Impp(A) | 14.49 | 14.52 | 14.56 | 14.61 | 14.64 |
| Voltage Open Circuit-Voc(V) | 42.01 | 42.18 | 42.35 | 42.50 | 42.69 |
| Short Circuit Current-Isc(A) | 15.80 | 15.84 | 15.88 | 15.92 | 15.97 |

* NMOT: Irradiance 800W/m²,Environment Temperature 20℃，Air Mass AM1.5

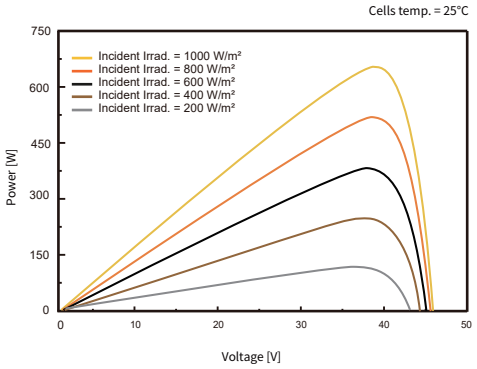
## Mechanical Data

| | |
|---|---|
| Dimension Of Module | 2411*1303*35mm |
| Weight | 33kg |
| Glass | High transmission glass 3.2mm |
| Cables | 4mm²/300mm or Customized Length |
| Junction Box | IP68,3 Bypass-Diode |
| Connector | MC4 compatible |
| Max System Voltage | 1500VDC |
| Max Series Fuse Rating | 30A |
| Maximum Load Capacity | Snow 5400Pa/Wind 2400Pa |
| Operating Temperature | -40~+85 |

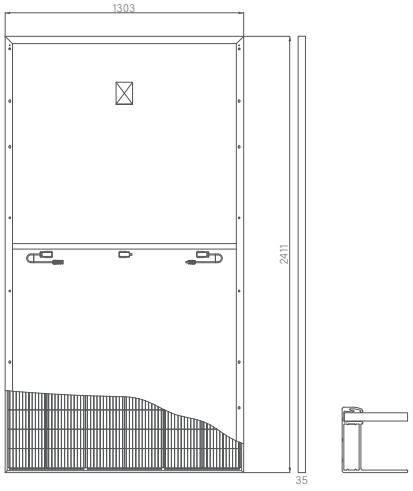
### I-V Curves




### P-V Curves




### Module Back View




* Specifications included in this datasheet are subject to change without notice.

## Temperature Ratings

| | |
|---|---|
| Temperature Coefficients of Isc(%/C) | 0.046 |
| Temperature Coefficients of Voc(%/C) | -0.266 |
| Temperature Coefficients of Pmpp(%/C) | -0.345 |
| NMOT | 45±2℃ |

## Packaging Configuration

| | |
|---|---|
| Package | 36pcs/pallet |
| Container | 40`FT |
| Pieces Per Container | 558 |